

DERWENT-ACC-NO: 1977-85806Y

DERWENT-WEEK: 197748

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TITLE: Plastic coated metal wire mfr. - by  
coating wire with  
primer, curing and extruding  
thermoplastic resin about  
wire

PATENT-ASSIGNEE: DAISEL LTD[DAIL]

PRIORITY-DATA: 1976JP-0043348 (April 16, 1976)

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	
LANGUAGE		MAIN-IPC	
JP 52126465 A		October 24, 1977	N/A
000	N/A		

INT-CL (IPC): B05D007/14, B29F003/10

ABSTRACTED-PUB-NO: JP 52126465A

BASIC-ABSTRACT:

Process for coating metal wire with thermoplastic resin comprises coating the wire with primer contg. organic solvent, passing the wire through a high-frequency induction heater to cure the primer, and then extruding thermoplastic resin about the wire. Wire is coated with polyamide at a high speed  $\geq 50$  m/min. to obtain higher corrosion-and friction resistances. The resulting coated wire is used as submerged wire for fishing.

The primer may be PVC, epoxy-phenol, polybutadiene dissolved in organic solvent. Wire is passed through trichloroethane, primer, a

heater, a solvent  
recollector, an extruder, a cooling tank and a winder.

TITLE-TERMS: PLASTIC COATING METAL WIRE MANUFACTURE COATING  
WIRE PRIME CURE

EXTRUDE THERMOPLASTIC RESIN WIRE

DERWENT-CLASS: A32 P42

CPI-CODES: A05-F01E; A08-M01B; A11-B05B; A12-B04B;  
A12-F01;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Multipunch Codes: 010 03- 061 062 063 141 231 303 311 332  
352 359 398 415 431  
443 444 473 477 597 599 600 611 647 663 688 720 010 03- 140  
141 226 231 303 311  
332 336 352 359 398 415 431 443 444 473 477 597 599 600 611  
647 663 688 720 010  
03- 117 122 141 231 303 311 332 352 359 398 415 431 443 444  
473 477 597 599 600  
611 647 663 688 720